Delaval, Jan

From:

Roark, Jessica

Sent:

Wednesday, December 18, 2002 2:30 PM

To: Subject:

Delaval, Jan alignments

Jan,

Would you please align GenBank AB014553.1 (GI:3327119) with the following sequences from 09/728,420?

A pairwise alignment would be great between AB014553.1 and each of

SEQ ID NO:6, SEQ ID NO:11 and SEQ ID NO:16.

Thanks!

Jessica H. Roark CM1 8A03

CM1 8A03 Mailbox 9E12 Art Unit 1644 703 605-1209

> Jan Delaval Reference Librarian Biotechnology & Chemical Library CM1 1E07 – 703-308-4498 jan.delaval@uspto.gov

ec., •

Delaval, Jan

From:

Sent:

Wednesday, December 18, 2002 7:04 AM Delaval, Jan 09/728,420

To:

Subject:

Jan,

Please search (if you haven't already) only against the PGPub database the following from 09/728,420:

SEQ ID NO:7, SEQ ID NO:12 and SEQ ID NO:13.

Results on paper please.

Thanks!

Jessica H. Roark

CM1 8A03 Mailbox 9E12 Art Unit 1644 703 605-1209

> Jan Delaval Reference Librarian Biotechnology & Chemical Library CM1 1E07 – 703-308-4498 jan.delaval@uspto.gov

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new.seq

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Entered [jdelaval 18-Dec-02 16:38]

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; Entered [jdelaval 18-Dec-02 16:40] SEQ6

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new.seq

Entered [jdelaval 18-Dec-02 16:41]

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; Entered [jdelaval 18-Dec-02 16:41] SEQ16

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Submitted (26-MAY-1998) Osamu Ohara, Kazusa DNA Research Institute, Laboratory of DNA Technology; Yana 1532-3, Kisarazu, Chiba
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ishikawa,K., Nagase,T., Suyama,M., Miyajima,N., Tanaka,A., Kotani,H., Nomura,N. and Ohara,O. Prediction of the coding sequences of unidentified human genes. X. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro DNA Res. 5 (3), 169-176 (1998)
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AB014553.1 GI:3327119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     292-0812, Japan (E-mail:cdnainfo@kazusa.or.jp, Tel:+81-438-52-3913
Fax:+81-438-52-3914)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens adult male brain cDNA to mRNA, clone_lib:pBluescriptII
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Homo sapiens mRNA for KIAA0653 protein, partial cds.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Matching-weight = 1.00
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SPread-factor = 50
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Output line length = 80
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Histogram = Off
Randomization = Off
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3. SEQ11
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SEQ16 184 GGTCTCCGCCGCACCATGC
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(1-1294)
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	1099	SEQ16
	865	SEQ11
	196	9ÖEĞ
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ggcaaaagtcccttgccttgaacaactgttgttcctggagacgcagcgaagccctcgatgg	1118	AB014553
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	865	SEQ11
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gggggcccaggggaggcttggctgccagctgtcttcagagtttcaaaaaactttcagaa	1057	AB014553
	1099	SEQ16
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SEO6 967	AB014553 2521 gtcttcccgtgggatgcgggatcctgagaccgaagggtgtttggtttaaaaagaagactgg
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SEQ6 967	AB014553 2704 caggacccactcatgtgtgtgcccacaagtgtagttagccgtccacaccgaggagccccg
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SEQ16 1244	SEQ6 967
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	consensus gctgttccggtgaaaagttgagccacctttggaagacgcacgggtggagtttgccagaaga

SBQ11 865	AB014553 3253 gccctgggccctgaccagccccggcacctgccatgctggttcccggaatgaat
SEQ6 967	SEQ16 1244 .
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AB014553 3619 agaaattggttttctgcaaaaaaagtccctacctgggcctttaggtgaatgtgggatccac	SEQ6 967
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SEQ11 865	AB014553 3192 gaccccagcgccaggctcctcggagcccaacagtcccaagggggcagtgttgaggggtaca
SEQ6 967	SEQ16 1244
consensus acttagaacaaaaggaggagtgaggactcaaggctacaatgaggttccagtacttgttaca	SEQ11 865
3558	SEQ6 967
SBQ16 1254	consensus acceteageageceeaacceaateaaccetgagggteeceagggteetgatgaagacetee
SEQ11 865	AB014553 3131 accetcageageeceaceecacteaaceetgagggteeceagggteetgatgaagaeetee
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SEQ16 1254	consensus gtcccccttctcacctcagcaatgatccccaaagtgagaggtggctcccccggcccccacc
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	consensus cggtccccagagtcctgagcagcagttaggtgcatggagagggtatcacctggtggccaca
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SEQ11 865	AB014553 2948 gaaagacacagcccagcagggctggagacgcccatgtccagcaggcgcaggcctggcaaca
SEQ6 967	SEQ16 1244
consensus gactgtctccagaagggctggaaaggatgctgccaggtgacccgaggtgcactcgcccag	SEQ11 865
AB014553 3314 gactgtctccagaagggctggaaaggatgctgccaggtgacccgaggtgcactcgcccAG	SEQ6 967
SEQ16 1244 CCCAG	consensus aaggctgtgccagggccgtgtttggctacaggggctgccgggggctcttggctctgcagcga
SEQ11 865	AB014553 2887 aaggotgtgccagggccgtgtttggctacaggggctgccggggctctttggctctgcagcga
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consensus gccctgggccctgaccagccccggcacctgccatgctggttcccggaatgaat	SBQ11 865
	SEQ6 967

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SEQ16 1254		
AB014553 3680	O tcccgcttttaacatgaaagcattagaagatgtgtgtgtttataaaagaacagttgtcat	
consensus	tcccgcttttaacatgaaagcattagaagatgtgtgtgtttataaaagaacagttgtcat	
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consensus	caccgggcattgattggcagggacaaggagctgcttgggtgtggaaagttggggcgttgga	
SEQ6 967		
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AB014553 3802	2 aagtggggctgtggtgcccatttgcagtgactgtgaagtgactccaggacggac	
consensus	aagtgggctgtggtgcccatttgcagtgactgtgaagtgactccaggacggac	
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Number of sequences searched:
Number of scores above cutoff:
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The scores below are sorted by initial score. Significance is calculated based on initial score.
                                                                                                                                                                                                                            Similarity matrix Mismatch penalty
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Number of sequences searched:
Number of scores above cutoff:
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                                                                                                      Times:
                                                                                                                                       Scores:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Results of the initial comparison of ab014553 (1-4358) with: File : roark-09-728420.seq
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Joining penalty
Window size
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348
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The list of best scores is:

A 100% identical sequence to the query sequence was not found.

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Initial Score = Residue Identity =
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
LENGTH: 1294
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 6843.0050-02
CURRENT APPLICATION NUMBER: US/09/728,420C
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: PCT/US00/01871
PRIOR FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 09/264,527
PRIOR FILING DATE: 1999-03-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Yoshinaga, Steven K.
APPLICANT: Mak, Tak Wah
APPLICANT: Shahinian, Arda
APPLICANT: Trafuri Bladt, Anna
APPLICANT: Senaldi, Giorgio
TITLE OF INVENTION: Novel Polypeptides Involved in Immune Response
FILE REFERENCE: 6843,0050-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 09/244,448
PRIOR FILING DATE: 1999-02-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ab014553 (1-4358)
US-09-728-420C-1 Sequence 16, Application US/09728420C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1. US-09-728-420C-1 Sequence 16, Application 12
2. US-09-728-420C-1 Sequence 11, Application 8
2. US-09-728-420C-6 Sequence 6, Application below 3. US-09-728-420C-6 Sequence 6, Application U 9
                                                                                                                                                                                                                                                                                                                                                                                                                                               PEATURE:
NAME/KEY: CDS
LOCATION: (200)..(1105)
OTHER INFORMATION:
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LOCATION: (1)..(199)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
220
                                                                                                                               CGCAGTTAGAGCCGATCTCCCGCGCGCCCCGAGGTTGCTCCCGAGGTCTCTCCCGCGGCCCAAGTTTCTCCGC
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230
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2160 2170 2180 2190 2200 2210 2220 TCCCTTCCAAGGCCACGTTTGACCGGAGGCTCACCGCCCAGAGCGTGGACAGGGCTTCGGTGAGACCCCCC 1650 1660 1670 1680 1690 1700 1710 1720 GTTTGCCCTCAGTTCCAGGAGCAACATAGATGTGGATTCCTGTCCAATTTGGGAAAAATGTCCACACACGG 1800 1810 1820 1830 1840 1850 1860 CATGGGCCCAGGAGACAGGGGTTCCCCGGGGACAGTGGGCCTCAG 1870 1880 1890 1900 1910 1920 1930 GGTGTGGGCAGCCACCACCACCAGCAAACGCA 1370 1380 1390 1400 1410 1420 1420 1430 GCCCCCATGGGGTGTCCAGGGGGGGTCCA 1440 1450 1460 1470 1480 1490 1500 GGCACCGGGGGCCCCAGCCCCATGGGGTGT CCGGAGTGGGTCCAGGCACCGGCGCCCAGCCCCGTGGGGTGTCCAGGGCGGGGTCCAGGCACCGGCGCCCAG .580 1590 1600 1610 1610 1620 1630 1640 CCCCTGTGGGGGTCTGGGGGCACCGCCAGCTTCTCTGTGTGGCACTCTGTGGAGCACTCTCT 1730 1740 1750 1760 1770 1780 1790 TCACCCACCTGGCAGGCTGCAGCCGGGCTCCCCGC .940 1950 1960 1970 1970 CITCCAAGGCCAGCCTGCTGCTAAAAACACGGCCGGCCTGTTCC .0 2020 2030 2040 2050 2060 2070 2080 CGTCGGAAGCTTTAAACCCTGTGTTTTCCACCAAGC 1560 1550 1540 1530

ab014553 (1-4358) US-09-728-420C-1 Sequence 11, Application US/09728420C

TGAGAGGCCAGGTG

Sequence 11, Application US/09728420C GENERAL INFORMATION:

APPLICANT: Yoshinaga, Steven K.
APPLICANT: Mak, Tak Wah
APPLICANT: Shahnian, Arda
APPLICANT: Trainian, Arda
APPLICANT: Trainian Bladt, Anna
APPLICANT: Trainian Bladt, Anna
APPLICANT: Senaldi, Giorgio
TITLE OF INVENTION: Novel Polypeptides Involved in Immune Response
FILE REPERENCE: 6443.0050.02
CURRENT APPLICATION NUMBER: US/09/728,420C
CURRENT APPLICATION NUMBER: US/09/128

100	650 660 670 680	580 590 600 CCCAGGATGAGCTCACGTGTACATCCA	510 520 TGAGCGTTGAGGTTACACTGCATGTGGCAGCAF	440 450 ACGTCACCCCCAGGACGAGCAGAAGTTTCACT	370 380 390 GCCGCTACCGGAACCGAGCCCTGATGTACCGC	290 310 320 GGCAAACCAGTGAGTCGAAAACCGTGGGGACCT	220 230 -240 25 GCAGCGACGTGGAGCTCAGCTGCGCTTGCCCTC	150 160 170 CTGGACTGCTCTTCCTGCTCTTCAGCAGCCTTC	80 CGCCCCGAGGTCTCCGCGCCCCGAGGTCTCCGC	10 20 30 GCGCAGTTAGAGCCGATCTCCCGCGCCCCGAGG	Initial Score = 864 Optimized Residue Identity = 100% Matches Gaps = 0 Conservati	PRIOR APPLICATION NUMBER: PCT/USOU/UI8/1 PRIOR FILING DATE: 2000-01-27 PRIOR APPLICATION NUMBER: US 09/264,527 PRIOR APPLICATION NUMBER: US 09/264,448 PRIOR APPLICATION NUMBER: US 09/244,448 PRIOR FILING DATE: 1999-02-03 NUMBER OF SEQ ID NOS: 39 SOFTWARE: PatentIn version 3.1 SEQ ID NO 11 LENGTH: 864 TYPE: DNA ORGANISM: Homo sapiens PEATURE: NAME/KEY: CDS LOCATION: (1)(864) OTHER INFORMATION:
Cance = 0.31 hes = 0 60 70 GGCCCAAGTTCTCCG 0 140 TCAGAGCGATGGCAGTC TCAGAGCGATGGTATATT ATCTTACGTATATT ATCTTTACGTATATT 150 160 220 230 430 CCCTGCGCTTGTTCA CCCTGCGCTTGTTCA 0 300 GATTCCAGAGAGGTTT CCCCCACAGCCCT GATTCCAGGAGGTTT 370 CCCCCCCACAGCCCT GATTCCAGGAGGTTT 370 CCCCCCCACAGCCCCT GATTCCAGGAGGTTT 370 CCCCCCCACAGCCCCT GATTCCAGGAGGTTT 370 CCCCCCCACAGCCCCT GATTCCAGGAGGTTT 370 TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA TGTACTGGATCAATA	90 7	630 TAAACGGCTACCCCAGGCCCAACG 	540 ACTICAGCGTCCGTCAGCG	470 480 490 GCCTGGTGTTGAGCCAATCCCTGG	400 400 400 CCGGCATGCTGCGGGCCGACTTCT	330 ACCACATCCCACAGAACAGCTCCT ACCACATCCCACAGAACAGCTCCT 200 210	0 270 NAGGAAGCCGTTTTGATTTAAATG	180 200 GAGCTGATACTCAGGAGAAGGAAG	110 120 13 GGCCCGAGGTCTCCGCCCGCACCA A X	40 TTGCTCTCTCCGAGGTCTCCCGC	Score = 864 Signif = 864 Mismat ve Substitutions	,527
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1950 1960 1970 1980 1990 GGCCAGGTCGGCCCATCCAGATGATGCAGGAACACAGCTTGCTAAAAA
1880 1890 1900 1910 1920 1930 1940 GCAGCCACGCTGTGGTGACCTGTGGACCCAGGCGAGCTGATGGCCGACCGCAGAAACGCACTTCCAA
1810 1820 1830 1840 1850 1860 1870 CAGGATCCCCTCCGAGCCCTGTTTGCCGCCCAGGAGAAGGGGTTCCCCGGGGACAGTGGGCTCAGGGTGTGC
1730 1740 1750 1760 1770 1780 1790 1800 CCTGGCAGGTGCCTGGCTGCAAGGGGGCTGGGCTTCGCAGGCAG
1660 1670 1680 1690 1700 1710 1720 CCTCAGTTCCAGGACACACACTAGATGGGATCCCCAATTTGGGAAAAATGTCCACACACA
1590 1600 1610 1620 1630 1640 1650 GGGGTGTCTGTGTGGAGCCACTCCTGTTTTGCC
1520 1530 1540 1550 1560 1570 1580 GGGTCCAGGCGCCCAGCCCCAGCCCCCTGT
1450 1460 1470 1480 1490 1500 1510 GCGCCCAGCCCCGTGGGGTGTCCAGGGCGCCAGGCCCCCATGGGGTGTCCGGAGT
1370 1380 1390 1400 1410 1420 1430 1440 TGGGGTGTCCAGGGTCCAGGCACCG
1300 1310 1320 1330 1340 1350 1360 CCCCGCGCCCAGTGCCCAGCCCCAACCCAAGCGTGCCAGGCGGCGGGTCCAAGCCCCGAGCCCCCA
1230 1240 1250 1260 1270 1280 1290 CTGGTGTGCACTTTGTCACACTGCGATGGGATTTTCCCCAACATGCACAGAAGCAGAGAGACGAGTGCTAGAC
1160 1170 1180 1190 1200 1210 1220 TGGAGACGCAGCGAAGCCCTCGATGGTGCGCACGGCATTTCCTGCAGCCTCCCCTTGGCATGGGATGGCATC
1090 1100 1110 1120 1130 1140 1150 GCCAGCTGTCTTTCAGAGATTTCAAAAAACTTTTCAGAAGGCAAAAGTCCCTTGCCTTGAACAACTGTTGTTCC
1010 1020 1030 1040 1050 1060 1070 1080 CGGAGACAGACTCACTGGTGAGTTTTGCCGTGGGAAGCAGCAGGTTCTGGGGGGGG
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870 910 920 930 CAGTCAGTACCGGCGAAAAAAACGCGGGCCACGTGGAGCATCCTGGCTTGTGCTTGTGCTTGTGGTCGTGGTCTGGTCTGGTCTGGTCGTGGTG
800 810 820 830 840 850 860 TGCAGCAGAACCTGACCTGCGCCAGACAGAGAATGACATCAGAGAGAG
730 740 750 760 760 770 780 790 ACGTGGTCAGCATCGCAGCGACCGCACCGCACACACACTGCTGCATAGAAAACGTGCTTC
AGACGGACAACAGCCTGCTGGACCAGGCTCTGCAGAATGACACCCGTCTTCTTGAACATGCGGGGCTTGTATG

GAATGTCACCCCTCAGGATACCCAGGAG-TTCACATGCCGGGTATTTATGAATACAGCCACAGAGTTAGTCA 670 880 520 099 870 650 1570 640 CAACGTCACCCCCAGGAGGAGAAGTTTCAC-TGCTGGTGTTGAGCCAATC--CCTGGGA-TTCCAGG 10 20 30 40 X 50 60 70 GCGCAGAGTTGCTCCTCTCCGAGGTCTCCCGGGGCCCAAGTTCTCCG Argc-Ag--Craaagrgrccc-rgrrrrgrg X Optimized Score = 584 Significance = -1.12 Matches = 620 Mismatches = 330 Conservative Substitutions = 0 Sequence 6, Application US/09728420C
GENERAL INFORMATION:
APPLICANT: Yeshinaga, Steven K.
APPLICANT: Yeshinaga, Steven K.
APPLICANT: Shahinian, Arda
APPLICANT: Shahinian, Arda
APPLICANT: Standing laddt, Anna
APPLICANT: Trafuri Bladt, Anna
APPLICANT: Trafuri Bladt, Anna
APPLICANT: Senaldi, Giorgio
TITLE OF INVENTION: Novel Polypeptides Involved in Immune Response
FILE REFERENCE: 6843.0050-02
CURRENT APPLICATION NUMBER: US/09/728,420C
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: PCT/US00/01871
PRIOR APPLICATION NUMBER: PCT/US00/01871
PRIOR APPLICATION NUMBER: CS 09/264,527
PRIOR APPLICATION NUMBER: US 09/264,527
PRIOR APPLICATION NUMBER: US 09/244,448
PRIOR APPLICATION NUMBER: US 09/244,448
PRIOR APPLICANTION NUMBER: US 09/244,448 US-09-728-420C-6 Sequence 6, Application US/09728420C 260 130 250 347 628 50 TYPE: DNA ORGANISM: Mus musculus FEATURE: NAME/KEY: CDS LOCATION: (1)..(966) OTHER INFORMATION: Initial Score = Residue Identity = Gaps =

| S80 | 630 | 610 | 620 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 | 630 00 AGGTITTGAGCGTTGAGGTTACACTGCATGTGGCAACACATCAGCGTGCCGTCGTCAGAGGCCCCCCACA A PETGOGCICT COACCAGAACAT CACTAGCCAGGCAGAAAGTTT CACTGGAAATA-ACACAAAGAAC 1070 1080 1090 1100 1110 1120 1130 CAGGGGAGGCTTGGCTGTTTCAGAAAGTCCCTTGCCTT 1140 1150 1160 1170 1180 1190 1200 GAACAACTGTTGTTGCTGGAGGCTCCCTT N10 1220 1230 1240 1250 1260 1270 1280 GCATGGGATGTGCGATGTGCACAGAAGCAGA GCAGA 1430 1440 1450 1460 1470 1480 1490 GCGGGGTCCAGGCCCCCCC 1500 1510 1520 1530 1540 1550 1560 ATGGGGTGTCCAGGGCGGGGTCCAGGGCACC 720 710 740 740 750 760 770 770 780 9CTTGTAGACGTGAACATTGGCTGCATGGATAGAGA ć-gacaricairicarcarcairaracag---acacaca---ca-ica--caccaaaciraracaaccc 880 880 700 690 680 890 AAGACTGTACAGCTTGAACTTACAGACCAGGCC

1690 1700 1710 1690 1700 1710 3GATTCCTGTCCAATTTGGGAAAAATGTC 1760 1770 1780 3CCTGGGCTTCGCAGGCAGGCCAGCCGG 330 1840 1850 3CCCAGGAAAAGGGGTTCCCCCGGGGACAG 3CCCAGGCAAAGGGGTTCCCCCGGGACCAG 1910 1920 1920 1930 1990 2000 1980 1990 2000	GGAGCGGGTCCGGCCACCGCC 1670 1680 CAGGAGCAACATAGATGTGGA 740 1750 1750 TGCCTCTGGCTTGCAAGGGGCC 0 1820 CTCCGAGCCCTGTTTTGCCGCC T1900 ACGCTGTGGTGTCACCTGTGG ACGCTGTTGTCACCTGTGG	1650 1660 GCAGGTCTCCGTTTGCCCCTCAGTTC 1720 1730 1 CACACACGGTCACCCCACCTGGCAGG 1790 1800 181 GCTCCCCGCCATGGGCCAGGATCCC 1860 1870 1880 TGGGCTCAGGGTGTGCGCAGCCACC 1930 1940 1950 AGAAACGCACTTCCAAGGCCAGGTC 2010 2020 GCCTGTTCCCGGTCGGAGCCAGTCGA
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Database
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BLOSUM62
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1687
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 MQLKCPCFVSLGTRQPVWKK.....RPHRSYTGPKTVQLELTDHA 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           December 18, 2002, 07:06:12; Search time 51.7697 Seconds (without alignments) 104.267 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      106657 seqs, 16763532 residues
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/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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Copyright (c) 1993 - 2002 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Result No.

Result No.	Score	Query Match	Query Match Length	DB	ID	Description
1	1687	100.0	322	10	US-09-910-174A-29	Sequence 29, Appl
2	6.00.5	35.6	302	10	US-09-789-561-136	136,
ω	600.5	35.6	344	10	US-09-764-853-812	81
4.	599.5	35.5	302	9	US-09-896-738-13	
ഗ	599.5	35.5	302	10	US-09-955-866-7	
თ	598.5	35.5	302	9	US-09-915-789A-18	
7	598.5	35.5	343	10	US-09-764-853-630	Sequence 630, App
œ	598.5	35.5	345	10	US-09-764-853-810	Sequence 810, App
9	594.5	35.2	309	10	US-09-910-174A-7	Sequence 7, Appli
10	550.5	32.6	241	9	US-09-915-789A-11	Sequence 11, Appl
11	.249	14.8	316	10	US-09-789-561-135	Sequence 135, App
12	247	14.6	316	9	US-09-978-295A-137	Sequence 137, App
13	247	14.6	316	φ	US-09-896-738-14	Sequence 14, Appl
14	247	14.6	316	9	US-09-978-697-137	137
15	247	14.6	316	9	US-09-978-192A-137	Sequence 137, App
16	247	14.6	316	10	US-09-875-338-11	Sequence 11, Appl
17	247	14.6	316	10	US-09-955-866+8	. 8
18	247	14.6	316	12	US-10-052-586-54	54
19	246	14.6	316	9	US-09-915-789A-1	Sequence 1, Appli

ALIGNMENTS

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RESULT 1
US-09-910-174A-29
is Sequence 29, Application US/09910174A
Patent No. US20020106730A1
GENERAL INFORMATION:
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LENGTH: 322
TYPE: PRT
ORGANISM: Mus musculus
US-09-910-174A-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Coyle, Anthony J.
APPLICANT: Coyle, Anthony J.
APPLICANT: Fraser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: 97-H2 Molecules, No. US20020106730A1el Members of the
TITLE OF INVENTION: Family and Uses Thereof
FILE REFERENCE: 35800/236924
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR FILING DATE: 2000-07-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 32
  181
                      181 RTYTCMSKNGYPEPNLYWINTTDNSLIDTALQNNTVYLNKLGLYDVISTLRLPWTSRGDV 240
                                                                                       121
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                                                                                                                                                                           61
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                                                                                                                FSLYLKNVTPQDTQEFTCRVFMNTATELVKILEEVVRLRVAANFSTPVISTSDSSNPGQE 180
                                                                                                                                                                                                     SCIDPHRRHENLSGLYVYWQIENPEVSVTYYLPYKSPGINVDSSYKNRGHLSLDSMKQGN 120
                                                                                                                                                                           SCIDPHRRHFNLSGLYVYWQIENPEVSVTYYLPYKSPGINVDSSYKNRGHLSLDSMKQGN 120
RTYTCMSKNGYPEPNLYWINTTDNSLIDTALQNNTVYLNKLGLYDVISTLRLPWTSRGDV
                                                                                       FSLYLKNVTPQDTQEFTCRVFMNTATELVKILEEVVRLRVAANFSTPVISTSDSSNPGQE
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240
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LOCATION: (170)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       49 GLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYH 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       32 GLFLLLLSSLCAASAETEVGAMVGSNVVLSCIDPHRRHFNLSGLYVYWQIENPEVSVTYY 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    168 LSXEVTLHVAANFSVPVVSAPHS -- PSQDELTFTCTSINGYPRPNVYWINKTDNSLLDQA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      109 IPQNSSLENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLV-LSQSLGFQEV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     226 LQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIENVLLQQNLTVGSQ----TGNDIGER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           152 LEEVVRLRVAANFSTPVISTSDSSNPGQ-ERTYTCMSKNGYPEPNLYWINTTDNSLIDTA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        267 ---TKNPQETHNNEL---KVLVPVLAVLAAAAFVSFIIYRRTRPHRSYTGPKTV--QLEL
                                                                                                                                                                                                                                                                                                                                                                                                                     35.6%; Score 600.5; DB 10; Length 344; 46.2%; Pred. No. 3.7e-37; Live 40; Mismatches 102; Indels 21;
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PJZ06
CURRENY APPLICATION NUMBER: US/09/764,853
CURRENY FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 939
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Score 599.5; DB 9; Length
; Pred. No. 3.8e-37;
40; Mismatches 102; Indels
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APPLICANT: Sullivan, John K.
APPLICANT: Sullivan, John K.
APPLICANT: Sullivan, John K.
APPLICANT: Fang, Mei
FILE REFERENCE: 00-513-A
CURRENT APPLICATION NUMBER: US/09/896, 738
CURRENT APPLICATION NUMBER: 60/215, 645
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 13
LENGTH: 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 13, Application US/09896738; Patent No. US20020165347A1; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                     NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                          US-09-764-853-812
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                                                                                                                                                                          SEQ ID NO 812
LENGTH: 344
TYPE: PRT
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                                                                                                                                                                                                                                                                                 FEATURE:
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, OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-789-561-136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                266
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                              LCCVENVALHONITSISQAESFIGNNTKNPQETHNNELKVLVPVLAVLAAAAFVSFIIYR 300
                                                               241 LCCVENVALHQNITSISQAESFTGNNTKNPQETHNNELKVLVPVLAVLAAAAFVSFIIYR 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              92 LPYKSPGINVDSSYKNRGHLSLDSMKQGNFSLYLKNVTPQDTQEFTCRVFMVTATELVKI 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           267 ---TKNPQETHNNEL---KVLVPVLAVLAAAAFVSFIIYRRTRPHRSYTGPKTV--QLEL 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                32 GLFLLLLSSLCAASAETEVGAMVGSNVVLSCIDPHRRHFNLSGLYVYWQIENPEVSVTYY 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 GLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYH 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            184 LQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIENVLLQQNLTVGSQ----TGNDIGER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               35.6%; Score 600.5; DB 10; Length 302;
46.2%; Pred. No. 3.2e-37;
ive 40; Mismatches 102; Indels 21;
                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: 52 Human secreted proteins FILE REPERENCE: P2043P1 FILE REPERENCE: P2043P1 FURENCE: P2043P1 CURRENT APPLICATION NUMBER: US/09/789,561 CURRENT FILING DATE: 2001-02-22 FRIOR APPLICATION NUMBER: PCT/US00/24008 PRIOR FILING DATE: 2000-08-137 PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-09-03 NUMBER OF SEQ ID NOS: 194 SOFTWARE: PARCENTIN UNDS: 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 3
US-09-764-853-812
Sequence 812, Application US/09764853
Patent No. US20020090672A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                  ; Sequence 136, Application US/09789561; Patent No. US20020064818A1; GENERAL INFORMATION:
                                                                                                                                                              301 RTRPHRSYTGPKTVQLELTDHA 322
                                                                                                                               301 RTRPHRSYTGPKTVQLELTDHA
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US-09-789-561-136
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APPLICANT: Rosen et al

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US-09-955-866-7
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Patent No. US20020107363A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Holst, Paige
APPLICANT: Yoshinaga, Steven Kiyoshi
TITLE OF INVENTION: B7-Like Polypeptides and Uses Thereof
FILE REFERENCE: 00,759-A
CURRENT EPILING DATE: 2001-09-19
PRIOD ADDRESS: 2001-09-19
                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/233,867
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Fox, Michael
APPLICANT: Sullivan, John K.
APPLICANT: Holst, Paige
APPLICANT: Yoshinaga, Steven
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TYPE: PRT
ORGANISM: Homo sapiens
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 TDH 321
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                                                          ---TKNPQETHNNEL---KVLVPVLAVLAAAAFVSFIIYRRTRPHRSYTGPKTV--QLEL
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Pred. No. 3.8e-37;
40; Mismatches 102;
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US-09-915-789A-18
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APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219001
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
                                                             SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 630
LENGTH: 343
TYPE: PRT
ORGANISM: Homo sapiens
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PRIOR FILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 302
                                                                                                                                                                                                                                                                                                        Sequence 630, Application US/09764853 Patent No. US20020090672A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 46.2%; Pred. No. 4.5e-37; Matches 140; Conservative 40: Mismatches 1-
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                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/764,853
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 939
                                                                                                                                                                                                                                                                  APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and
                                                                                                                                                                                                                                                 FILE REFERENCE: PJZ06
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  35.5%;
  Score 598.5;
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Length 343;
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Sequence 7, Application US/09910174A

Patent No. US20020106730A1

GENERAL INFORMATION:
APPLICANT: COYIE, Anthony J.
APPLICANT: Manning, Stephen
ITLE OF INVENTION: PH-12 Molecules, No. US20020106730A1e1 Members of the B7
ITLE OF INVENTION: BY-HZ Molecules, No. US20020106730A1e1 Members of the B7
ITLE OF INVENTION: Pamily and Uses Thereof
ITLE OF INVENTION: Pamily and Uses Thereof
FILE REFERENCE: 35800/236924
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461

PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 7
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TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219001
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
PRIOR PLILING DATE: 2000-07-7
NUMBER OF SEQ 1D NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0
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; Pred. No. 9e-37;
41; Mismatches 101; Indels
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Best Local Similarity 46.0
Matches 139; Conservative
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ORGANISM: Homo sapiens
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299 TE 300
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TGH 344
                                                                   RESULT 9
US-09-910-174A-7
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LENGTH: 241
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                                                                                               48 GLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVXWQTSESKTVVTXH 107
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                       Gaps
                                                                   32 GLFLLLLSSLCAASAETEVGAMVGSNVVLSCIDPHRRHFNLSGLYVYWQIENPEVSVTYY 91
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; Patent No. US20020090672A1
; GENERAL INFORMATION:
; APPLICANT: ROSEN et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; CURRENT APPLICATION NUMBER: US/09/764,853
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper; NUMBER OF SEQ ID NOS: 939
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 810
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; Pred. No. 5.2e-37;
40; Mismatches 102; Indels
                       Indels
  Pred. No. 5.2e-37;
; Mismatches 102;
                       40;
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Best Local Similarity 46.2%;
Matches 140; Conservative 4
    46.2%;
Best Local Similarity 46.23
Matches 140; Conservative
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US-09-764-853-810
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SOFTWARE: Patr
SEQ ID NO 135
TRNGTH: 316
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Sequence 135, Application US/09789561
Patent No. US2002006481BA1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: PZ043P1
CURRENT APPLICATION NUMBER: US/09/789,561
CURRENT FILING DATE: 2001-02-22
CURRENT FILING DATE: PCT/US00/24008
PRIOR FILING DATE: 2000-08-31
PRIOR FILING DATE: 2000-08-31
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APPLICANT: Ni et al.
TITLE OF INVENTION: 52 Human secreted proteins
FILE REFERENCE: PZ043P1
TIC/09/789,561
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PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1999-09-03
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                               174 ABVFWQDGQGVPL--TGNVTTSQMANEQGLFDVHSILRVVLGANGTYSCLVRNPVLQQDA
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254 TSISQAESFTGNNTKNPQETHNNELKVLVPVLAVLAAAAFV
                                                                   194 PNLYWINTTDNSLIDTALQNNTVYLNKLGLYDVISTLRLPWTSRGDVLCCVENVALHQNI 253
                                                                                                                                        139 ---RVFMNTATELVKILEEVVRLRVAANFSTPVISTSDSSN--PGQERTYTCMSKNGYPE
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                                                                                                      124 VSIRDFGSAA-----VSLQVAAPYSKPSMTLEPNKDLRPGDTVTITCSSYQGYPE
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89-561-135
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                                                                                                                                                                           QLTDTKQLVHSF----AEGODQGSAYANRTALFFDLLAQGNASLRLQRVRVADEGSFTCF 123
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; Pred. No. 2.1e-11;
42; Mismatches 122;
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Pred. No. 1.1e-33;
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US-09-978-295A-137
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             FILING DATE:
APPLICATION 1
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CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILLING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/06249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR FILING DATE: 1997-11-03
                                                              PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078936
PRIOR APPLICATION NUMBER: 60/078910
PRIOR APPLICATION NUMBER: 60/078910
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION UNMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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PRIOR APPLICATION NUMBER: 60/077791
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-03
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                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/077649
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
                                              APPLICATION NUMBER: 60/078939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ashkenazi, Avi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Williams, P. Mickey Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Godowski, Paul J. Grimaldi, J. Christopher Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shelton, David L.
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kuo, Sophia S.
Napier, Mary A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gurney, Austin L.
Hillan, Kenneth J
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Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gerber, Hanspeter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gao, Wei-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Filvaroff, Ellen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Roy, Margaret Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Botstein, David
NUMBER: 60/079294
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                     1998-03-20
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80 QIENPEVSVTYYLPYKSPGINVDSSYKNRGHLSLDSMKQGNFSLYLKNVTPQDTQEFTC- 138 68 QLTDTKQLVHSF----AEGQDQGSAYANRTALFPDLLAQGNASLRLQRVKVADEGSFTCF 123 21 LHVSSGFFSGLG-LFLLLSSLCAASAETEVGAMVGSNVVLSCIDPHRRHFNLSGLYVYW 14.6%; Score 247; DB 9; Length 316; 30.5%; Pred. No. 2.9e-11; ive 42; Mismatches 118; Indels 38; PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR APPLICATION NUMBER: 60/083496
PRIOR APPLICATION NUMBER: 60/083496
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-04-29
PRIOR PLING DATE: 1998-04-29
PRIOR PLING DATE: 1998-04-29
PRIOR PELING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083569
PRIOR APPLICATION NUMBER: 60/084414
PRIOR PELING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084431
PRIOR APPLICATION NUMBER: 60/084441
PRIOR APPLICATION NUMBER: 60/084460
PRIOR APPLICATION NUMBER: 60/084640
PRIOR APPLICATION NUMBER: 60/084640
PRIOR APPLICATION NUMBER: 60/084640
PRIOR APPLICATION NUMBER: 60/084640
PRIOR PILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR PILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR PILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/08539
PRIOR PILING DATE: 1998-05-03
PRIOR APPLICATION NUMBER: 60/08539
PRIOR PILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/08589
PRIOR PILING DATE: 1998-05-13
PRIOR PILI PRIOR APPLICATION NUMBER: 60/085697 APPLICATION NUMBER: 60/085704 1998-05-15 Query Match
Best Local Similarity 30.5
Matches 87; Conservative Best Loca Matches ð g ò ВÞ

6

Gaps

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RESULT 14
US-09-978-697-137
; Sequence 137, Application US/09978697
; Patent NO. US20020169284A1
· GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/896,738
CURRENT FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 60/215,645
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 23
SOFTMARE: Patentin Ver: 2.0
    APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Fox, Michael
APPLICANT: Sullivan, John K.
CANT: Fang, Mei
OF INVENTION: B7-Like Molecules and Uses Thereof
FILS REFERENCE: 00-513-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: "Xaa" can be any naturally occurring amino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 316
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: UNSURE LOCATION: (233)
                                                                                                                                                                                                                                                                                                             174 AEVFWQDGQGVPL-
                                                                                                                                                                                                                                                                                                                                                                                      124 VSIRDFGSAA-----VSLQVAAPYSKPSMTLEPNKDLRPGDTVTITCSSYQGYPE
                                                                                                                                                                                                                              232 HXSVTITGQPMTF-----
                                                                                                                                                                                                                                                                                                                                                                                                                                       139
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les 87; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   139 ---RVFMNTATELVKILEEVVRLRVAANFSTPVISTSDSSN--PGQERTYTCMSKNGYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AEVFWQDGQGVPL--TGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDA 231
                                                                                                                                                                                                                                                                HONITSISQAESFTGNNTKNPQETHNNELKVLVPVLAVLAAAAFV 294
                                                                                                                                                                                                                                                                                                                                                  PNLYWINTIDNSLIDTALQNNTVYLNKLGLYDVISTLRLPWTSRGDVLCCVENVAL----
                                                                                                                                                                                                                                                                                                                                                                                                                                 ---RVFMNTATELVKILEEVVRLRVAANFSTPVISTSDSSN--PGQERTYTCMSKNGYPE 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QLTDTKQLVHSF----AEGQDQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTCF 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                QIENPEVSVTYYLPYKSPGINVDSSYKNRGHLSLDSMKQGNFSLYLKNVTPQDTQEFTC- 138
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  Desnoyers,
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                                                                                                                                                                                                                            -PPEALWVTVGLSVCLIALLVALAFV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 247; DB 9;
Pred. No. 2.9e-11;
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CURRENT APPLICATION NUMBER: US/09/978,697

CURRENT FILING DATE: 2001-10-16

PRIOR APPLICATION NUMBER: 09/91888

PRIOR FILING DATE: 2001-07-30

PRIOR PPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR PRIOR DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/06311

PRIOR PILING DATE: 1997-11-13

PRIOR PILING DATE: 1997-11-13

PRIOR PILING DATE: 1997-11-21

PRIOR PILING DATE: 1997-11-21

PRIOR PILING DATE: 1997-11-21

PRIOR PILING DATE: 1997-11-21

PRIOR PILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR APPLICATION NUMBER: 60/077632

PRIOR PILING DATE: 1998-03-11

PRIOR PILING DATE: 1998-03-11

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PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: PRIOR APPLICATION 1
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PRIOR APPLICATION NUMBER: 60/077641
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                                                                                                             APPLICATION NUMBER:
                                    APPLICATION NUMBER: 60/079786
                                                       APPLICATION NUMBER: 60/
FILING DATE: 1998-03-27
                                                                                                FILING DATE: 1998-03-27
                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/079656
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                                                                                                                                                                                                                                                                                                       FILING DATE: 1998-03-20
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Shelton, David L.
Stewart, Timothy A.
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Gao, Wei-Qiang
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NR APPLICATION NUMBER: 60/081070

R FILING DATE: 1998-04-08

R APPLICATION NUMBER: 60/081049

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R FILING DATE: 1998-04-08

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FILING DATE: 1998-03-31
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R APPLICATION NUMBER: 60/084600

R FILING DATE: 1998-5-07

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APPLICANT: Wood, William I.

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucl
FILTE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC9

CURRENT APPLICATION NUMBER: US/09/978,192A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR APPLICATION NUMBER: 60/062250

PRIOR APPLICATION NUMBER: 60/062250

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

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US-09-978-192A-137
; Sequence 137, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
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OR APPLICATION NUMBER: 60/077641
OR APPLICATION NUMBER: 60/079294

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Roy, Margaret Ann
Shelton, David L.
Stewart, Timothy A.
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Filvaroff,
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Williams, P. Mickey
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Grimaldi, J. Christopher
Gurney, Austin L.
Hillan, Kenneth J
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Botstein, David
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QY 194 PNLYWINTTDNSLIDTALQNNTVYLNKLGLXDVISTLRLPWTSRGDVLCCVENVAL---- 249

174 AEVFWQDGQGVPL--TGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDA 231

QY 250 HQNIŢSISQAESFTGNNTKNPQETHNNELKVLVPVLAVLAAAĀFV 294

b 232 HXSVTITGQPMTF------PPEALWTVGLSVCLIALLVALAFV 269

Search completed: December 18, 2002, 07:08:43 Job time : 52.7697 secs

GenCore version 5.1.3
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Title:
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Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

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Sequence 137, App	Sequence 137, App	Seguence 14, Appl	Sequence 137, App	Sequence 3, Appli	Sequence 11, Appl	Sequence 24, Appl	Sequence 13, Appl	Sequence 1, Appli	Sequence 29, Appl	Sequence 11, Appl	Sequence 812, App	Sequence 136, App	Sequence 810, App	Sequence 630, App	Sequence 18, Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 13, Appl	Description

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164.5	164.5	164.5	164.5	165.5	165.5	165.5	165.5	165.5	179	179	179	182	182	185	185	244	247	271	273.5	273.5	274	290.5	290.5	290.5
11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	12.0	12.0	12.0	12.2	12.2	12.4	12.4	16.3	16.5	18.1	18.3	18.3	18.3	19.4	19.4	19.4
288	288	288	288	329	329	323	323	323	526	526	526	314	309	329	329	215	216	387	869	534	315	316	316	316
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US-09-837-867A-19	US-09-915-789A-15	US-09-896-738-10	US-08-592-711-2	US-09-837-867A-23	US-08-592-711-4	US-09-955-866-5	US-09-915-789A-16	US-09-896-738-11	US-09-955-866-13	US-09-910-174A-9	US-09-896-738-19	US-09-837-867A-13	US-09-837-867A-21	US-09-303-040-6	US-09-303-510-6	US-09-915-789A-20	US-09-789-561-158	US-09-789-561-156	US-09-875-338-9	US-09-875-338-7	US-09-910-174A-28	US-10-052-586-54	US-09-955-866-8	US-09-789-561-135
Sequence 19, Appl	. 5	Sequence 10, Appl	Sequence 2, Appli	Sequence 23, Appl	Sequence 4, Appli	Sequence 5, Appli	Sequence 16, Appl	1	Sequence 13, Appl	9	9	13,	21	6	Sequence 6, Appli		Sequence 158, App	15	Sequence 9, Appli	Sequence 7, Appli	28,	Sequence 54, Appl	Sequence 8, Appli	Sequence 135, App

ALIGNMENTS

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PRIOR APPLICATION NUMBER: 60/215,645
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 302
TYPE: PRT
ORGANISM: Homo sapiens
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Patent No. US20020165347A1
                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 1495; DB 9; Length 302; Best Local Similarity 100.0%; Pred. No. 6.5e-118; Matches 288; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Fox, Michael
APPLICANT: Sullivan, John K.
APPLICANT: Sullivan, John K.
APPLICANT: Fang, Mei
TITLE OF INVENTION: B7-Like Molecules and Uses Thereof
FILE REFERENCE: 00-513-A
CURRENT APPLICATION UNMBER: US/09/896,738
CURRENT FILING DATE: 2001-06-29
181
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                                                            Query Match
100.0%; Score 1495; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.7e-118;
Matches 288; Conservative 0; Mismatches 0; 1
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Sequence 18, Application US/09915789A
Patent No. US20020168762A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
ORGANISM: Homo sapiens
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; ORGANISM: HOI
US-09-910-174A-7
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Sequence 7, Application US/09910174A

Patent No. US20020106730A1

SERNEAL INROWATION:

APPLICANT: Eraser, Christopher C.

APPLICANT: Manning, Seephen

TITLE OF INVENTION: Family and Uses Thereof

TITLE OF INVENTION: Family and Uses Thereof

FILE REPERENCE: 35800/236924

CURRENT APPLICATION NUMBER: US/09/910,174A

CURRENT FILING DATE: 2001-07-20

NUMBER OF SEQ ID NOS: 32

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 7

LENGTH: 309
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                                                                                                                                 Sequence 7, Application US/09955866
; Berent No. US20020107363A1
; GENERAL INFORMATION:
    APPLICANT: Fox, Michael
; APPLICANT: Sullivan, John K.
    APPLICANT: Yoshinaga, Steven Kiyoshi
    APPLICANT: Yoshinaga, Steven Kiyoshi
    TITLE OF INVENTION: B7-Like Polypeptides and Uses Thereof
    FILE REFERENCE: 00,759-A
    CURRENT APPLICATION NUMBER: US/09/955,866
    CURRENT FILING DATE: 2001-09-19
    PRIOR APPLICATION NUMBER: 60/233,867
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.0
                  241 KITENPVSTGEKNAATWSILAVLCLLVVVAVAIGWVCRDRCLQHSYAG 288
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; ORGANISM: Homo sapiens
US-09-955-866-7
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US-09-910-174A-7
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US-09-955-866-7
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LENGTH: 302
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61 TVVTYHIPQNSSLENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSL 120
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APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
TITLE OF INVENTION: MOLECULES
TILLE REFERENCE 107039-219001
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/220,991
PRIOR APPLICATION NUMBER: US 60/220,991
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASELSEQ for Windows Version 4.0
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99.9%; Score 1494; DB 9;
Best Local Similarity 99.7%; Pred. No. 7.9e-118;
Matches 287; Conservative 1; Mismatches 0;
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Sequence 810, Application US/09764853

P. No. US20020090672A1

G. AL INFORMATION:
APPLICANY: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Ant FILE REFERENCE: PUZ06
CURRENT APPLICATION NUMBER: US/09/764,853
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or fill NUMBER OF SEQ ID NOS: 939
                                                                                                                                                                                         ; TYPE: PRT; ORGANISM: Homo sapiens US-09-764-853-810
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; ORGANISM: Homo sapiens.
US-09-764-853-630
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US-09-764-853-810
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US-09-764-853-630
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SEQ ID NO 630
LENGTH: 343
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SEQ ID NO 810
LENGTH: 345
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                                                                                                                    Matches
                                                                                                                                    Query Match
Best Local Similarity
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PJZ06
CURRENT APPLICATION NUMBER: US/09/764,853
CURRENT FILING DATE: 2001-01-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prior application data removed - consult PALM NUMBER OF SEQ ID NOS: 939
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TVVTYHIPQNSSLENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSL
                                      MRLGSPGLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESK 103
                                                               MRLGSPGLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESK 60
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                                                                                                                Score 1494; DB 10;
Pred. No. 9.3e-118;
1; Mismatches 0;
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Pred. No. 9.2e-118;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                         Matches 287;
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CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: PCT/US00/24008
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/152,317
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/152,315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: SITE LOCATION: (128) OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo
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Pred. No. 1.7e-117;
0; Mismatches 1;
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RESULT 8 US-09-764-853-812

Sequence 812, Application Patent No. US20020090672A1

US/09764853

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VDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVA 135
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Best Local Similarity
Matches 135; Conserva'
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US-09-910-174A-29
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US-09-910-174A-29
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                                                                                                                                                                                                                                                                                NAME/KEY: SITE
COCATION: (170)
COTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-853-812
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Patent No. US20020168762A1

GENERAL INPORMATION:

TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY

TITLE OF INVENTION: MOLECULES

PILE REFERENCE: 07039-219001

CURRENT APPLICATION NUMBER: US/09/915,789A

CURRENT FILING DATE: 2002-06-04

PRIOR FILING DATE: 2000-07-27

NUMBER OF SEQ ID NOS: 23

SOFTWARE: FASISEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                   Length 344;
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  APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: P2206
CURRENT APPLICATION NUMBER: US/09/764,853
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrappe NUMBER OF SEQ ID NOS: 939
SOFTWARE: Patentin Ver. 2.0
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Pred. No. 2e-117;
0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                               Query Match 99.7%;
Best Local Similarity 99.7%;
Matches 287; Conservative
                                                                                                                                                                                             LENGTH: 344
TYPE: PRT
ORGANISM: Homo sapiens
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LENGTH: 241

TYPE: PRT

COGGANISM: Homo sapiens

US-09-915-789A-11
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APPLICANT: Fraser, Christopher C.
APPLICANT: Fraser, Christopher C.
APPLICANT: Fraser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: BY-EP and Uses Thereof
FILE REPERENCE: 35800/236934
CURRENT APPLICATION NUMBER: US/9/910,174A
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR PILING DATE: 2000-07-20
SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
136 ANFSVPVVSAPHSPSQDELTFTCTSINGYPRPNVYWINKTDNSLLDQALQNDTVFLNMRG 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    67 IPQNSSLENVDSRYRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLV-LSQSLGFQEV 125
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                                                                                                                               121 ANFSVPVVSAPHSPSQDELTFTCTSINGYPRPNVYMINKTDNSLLDQALQNDTVFLNMRG
                                                                                                                                                                                                                                                        181 LYDVVSVLRIARTPSVNIGCCIENVLLQQNLTVGSQTGNDIGERDKITENPVSTGERNAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7 GLLFLLFSSLRADTQEKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYH
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Patent No. US20020168762A1
GENERAL INFORMATION:
APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4,
TITLE OF INVENTION: MOLECULES
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FILE REFERENCE: 07039-219001

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FILE REFERENCE: 3053-4071US2
CURRENT APPLICATION NUMBER: US/09/875,338
CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
PRIOR PILING DATE: 2001-02-98
PRIOR PILING DATE: 2001-06-06
PRIOR PILING DATE: 2001-02-28
PRIOR PILING DATE: 2001-06-06
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US-09-875-338-13
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-915-789A-1
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                                                                                                                              ; ORGANISM: Homo US-09-875-338-13
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LENGTH: 316
TYPE: PRT
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                                                            Matches
                                                                            Query Match
Best Local
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APPLICANT: MIKESELL, GLEN
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Best Local Similarity
Matches 93; Conser
                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 94
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                                  ICANT: ZHOU, XIA-DI
ICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL
TITLE OF INVENTION: IMMUNOMODULATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1
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                                                                          Local Similarity
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FINGER, JOSHUA N.
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                                                    s; Score 294.5; DB 10; Pred. No. 1.6e-17; 40; Mismatches 111;
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Sequence 24, Application US/09910174A
Patent No. US20020106730A1
GENERAL INFORMATION:
APPLICANT: Coyle, Anthony J.
APPLICANT: Fraser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: B7-H2 Molecules, No. US20020106730A1el Members of FILE REFERENCE: 35800/236924
CURRENT APPLICATION NUMBER: US/09/910;174A
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461
RESULT 14
US-09-875-338-11
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ORGANISM: Homo
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                                                                                 NPVLQQD-AHGSVT-----ITGQPMTFPPE--ALWVTVGLSVCLIALLVALAFVC
                                                                                                                                                                                        YPRPNVYW-----INKTDNSLLDQALQNDTVFLNMRGLYDVVSVLRIARTPSVNIGCCIE
                                                                                                                                                                                                                                               GSFTCFVSIRDFG----SAAVSLQVAAPYSKP--SMTLEPNKDLRPGDTVTITCSSYRG
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Pred. No. 1.6e-17;
10; Mismatches 111;
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Sequence 11, Application UPatent No. US20020095024A1
GENERAL INFORMATION:
APPLICANT: MIKESELL, GLEN

US/09875338

GLEN

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APPLICANT: FINGER, JOSHUA N. APPLICANT: YANG, GUCHEN APPLICANT: ZHOU, XIA-DI APPLICANT: ZHOU, XIA-DI APPLICANT: PEACH, ROBERT: JOSHUATION: PEACH, ROBERT: JOSHUATION: INMUNOMODULATION TITLE OF INVENTION: INMUNOMODULATION FILLE REPERENCE: 3053-4071US2 CURRENT APPLICATION NUMBER: 60/272,107 PRIOR APPLICATION NUMBER: 60/272,107 PRIOR APPLICATION NUMBER: 60/272,107 PRIOR APPLICATION NUMBER: 60/209,811 PRIOR FILING DATE: 2001-06-06 PRIOR PRIOR SEQ ID NOS: 94 SOFTWARE: PACHILING DATE: 2000-06-06 SOFTWARE: PACHILING DATE: 2000-06-06 TRIBNE APPLICATION NUMBER: 60/209,811 PRIOR FILING DATE: 2001-02-28 PRIOR FILING DATE: 2001-02-28 PRIOR FILING DATE: 2001-02-28 PRIOR FILING DATE: 2001-02-28 PRIOR FILING JATE: 2001-02-28 PRIOR FILING JATE: 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        51 YVYWQTSESKTVVTYHIPQNSSLENVD--SRYRNRALMSPAGMLRGDFSLRLFNVTPQDE 108
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19.6%; Score 293.5; DB 10; Length 316;
Best Local Similarity 31.1%; Pred.,No. 2e-17;
Matches 93; Conservative 40; Mismatches 111; Indels 55;
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APPLICANT: Chen, Lieping; TITLE OF INVENTION: MOLECULES; TITLE OF INVENTION: MOLECULES; TITLE OF INVENTION: MOLECULES; FILE REFERENCE: 07039-219001; CURRENT FILING DATE: 2002-06-04; PRIOR APPLICATION NUMBER: US 60/220,991; PRIOR APPLICATION NUMBER: US 60/220,991; PRIOR SEQ ID NOS: 23; SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 316;
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CHANG, HAN
FINGER, JOSHUA N.
YANG, GUCHEN
LU, PIN
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ORGANISM: Homo sapiens
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US-09-915-789A-3
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US-09-915-789A-1

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11 US-09-915-789A-1

11 US-09-915-338-1

12 US-09-875-338-1

13 US-09-875-338-7

14 US-09-875-338-7

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Sequence 810, App
Sequence 812, App
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                                                                 Length 309;
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TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-21901
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT APPLICATION NUMBER: US 60/220,991
PRIOR PILLING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 302
TYPE: PRT
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                                                                 3; DB 10;
1.4e-112;
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99.6%; Pred. No. 1.6e-112;
iive 1; Mismatches 0;
                                                               100.0%; Score 1393; 1
100.0%; Pred. No. 1.4(
ive 0; Mismatches
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; Sequence 18, Application US/09915789A
; Extent No. US20020168762A1
; GENERAL INFORMATION:
                                                                                       Best Local Similarity 100.0
Matches 267; Conservative
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ORGANISM: Homo sapiens
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Best Local Similarity
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  ; ORGANISM: HOT
US-09-910-174A-7
                                                                    Query Match
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APPLICANT: Coyle, Anthony J.
APPLICANT: Fraser, Christopher C.
APPLICANT: Branch Stephen
TITLE OF INVENTION: B7-H2 Molecules, No. US20020106730Alel Members of the ITILE OF INVENTION: Family and Uses Thereof
TITLE OF INVENTION: Family and Uses Thereof
FILE REFERENCE: 35800/238924
CURRENT APPLICATION NUMBER: US/09/910,174A
CURRENT FILING DATE: 2001-07-20
PRIOR FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                               Sequence 7, Application US/09955866

Patent No. US20020107363A1

GENERAL INFORMATION:

APPLICANT: Fox, Michael

APPLICANT: Sullivan, John K.

APPLICANT: Holat, Paige

TITLE OF INVENTION: B7-Like Polypeptides and Uses Thereof;
FILE REFERENCE: 00,759-A

CURRENT FILING DATE: 2001-09-19

PRIOR APPLICATION NUMBER: US/09/955,866

CURRENT FILING DATE: 2001-09-19

PRIOR FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.0
                            262 VLCLLVVVAVAIGWVCRDRCLQHSYAG 288
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241 VLCLLVVVAVAIGWVCRDRCLQHSYAG 267
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Best Local Similarity 100.
Matches 267; Conservative
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US-09-955-866-7
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LENGTH: 309
TYPE: PRT
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LENGTH: 302
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 630
LENGTH: 343
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GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and
FILE REFERENCE: PAZO6
FILE REFERENCE: PAZO6
                                                                                                                                                                                                                                  SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 810
LENGTH: 345
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                                                                                                          Matches
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Best Local
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CURRENT FILING DATE: 2001-01-17
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TITLE OF INVENTION: Nucleic Acids, Proteins, and
FILE REFERENCE: PJZ06
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CURRENT FILING DATE: 2001-01-17
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t No. US20020090672A1
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NRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFSVP 120
                                                         EKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYHIPQNSSLENVDSRYR 60
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                                    EKEVRAMVGSDVELSCACPEGSRFDLNDVYVYWQTSESKTVVTYHIPQNSSLENVDSRYR 124
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99.6%;
                                                                                                      Score 1392; DB 10;
Pred. No. 1.9e-i12;
1; Mismatches 0;
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Pred. No. 1.9e-112;
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CURRENT APPLICATION NUMBER: US/09/789,561
CURRENT FILING DATE: 2001-02-22
FRIOR APPLICATION NUMBER: PCT/US00/24008
PRIOR FILING DATE: 2000-08-31
PRIOR FILING DATE: 2000-09-31
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/152,315
PRIOR FILING DATE: 1999-09-03
PRIOR FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 194
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 136
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TITLE OF INVENTION: 52
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OTHER INFORMATION: Xaa
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ORGANISM: Homo sapiens
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                                                                                        VLRIARTPSVNIGCCIENVLLQQNLTVGSQTGNDIGERDKITENPVSTGEKNAATWSILA
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VLCLLVVVAVAIGWVCRDRCLQHSYAG 288
                                                                   VLRIARTPSVNIGCCIENVLLQQNLTVGSQTGNDIGERDKITENPVSTGEKNAATWSILA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                         VVSAPHSPSQDELTFTCTSINGYPRPNVYWINKTDNSLLDQALQNDTVFLNMRGLYDVVS
                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                   99.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                         equals any of the naturally occurring L-amino
                                                                                                                                                                                                                                                                                                                                                     0,
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Pred. No. 3.6e-112;
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RESULT 8 US-09-764-853-812

Sequence 812, Application US/09764853 Patent No. US20020090672A1

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; TYPE: PRT
; ORGANISM: Mus musculus
US-09-910-174A-29
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US-09-915-789A-1
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, OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-853-812
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           APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PUZO6
CURRENT APPLICATION NUMBER: US/09/764,853
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 939
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 812
LENGTH: 344
TYPE: PRT
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 241;
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                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                         Score 1388; DB 10;
Pred. No. 4.3e-112;
0; Mismatches 1;
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99.6%; Pred. No. 9.1e-98;
iive 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IM
TITLE OF INVENTION: MOLECULES
TITLE OF INVENTION: MOLECULES
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/220,991
PRIOR APPLICATION NUMBER: 2000-07-27
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FASELSEQ for Windows Version 4.0
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Best Local Similarity 99.6%;
Matches 266; Conservative
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Matches 234; Conserv
                                                                                                                                                                                                                                                                  NAME/KEY: SITE
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US-09-915-789A-11
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LENGTH: 241
TYPE: PRT
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Fatent No. US20020106730A1

GENERAL INFORMATION:

APPLICANT: Colle Anthony J.

APPLICANT: Colle Anthony J.

APPLICANT: Manning, Stephen

TITLE OF INVENTION: Braily and Uses Thereof

TITLE OF INVENTION: Pamily and Uses Thereof

FILE REFERENCE: 35800/236924

CURRENT APPLICATION NUMBER: US/09/910,174A

CURRENT FILING DATE: 2001-07-20

PRIOR PELING DATE: 2000-07-20

PRIOR PILING DATE: 2000-07-20

PRIOR PILING DATE: 2000-07-20
NRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFSVP 120
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                               VVSAPHSPSQDELTFTCTSINGYPRPNVYWINKTDNSLLDQALQNDTVFLNMRGLYDVVS
                                                                                                                                                        127 VVSAPHSPSQDELTFTCTSINGYPRPNVYWINKTDNSLLDQALQNDTVFLNMRGLYDVVS
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Best Local Similarity 46.2%; Pred. No. 6.3e-41;
Matches 127; Conservative 38; Mismatches 91;
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Patent No. US/20020168762A1

GENERAL INCRNATION:
APPLICANT: Chen, Lieping
TITLE OF INVENTION: BJ-H3 AND BJ-H4, NOVEL IM
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219001
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04

PRIOR APPLICATION NUMBER: US 60/220,991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
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SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 13
LENGTH: 316
TYPE: PRT
ORGANISM: Homo sapiens-
US-09-875-338-13
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-915-789A-1
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NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 1
                                                                                                                                            Query Match
Best Local Similarity
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APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: IMMUNOMODULATION
REFERENCE: 3053-4071US2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: MIKESELL, GALLARY CHANG: MIKESELL, GALLARY CHANG: HAN TANGER, JOSHUA N.
                                                                                                                                                                                                                                                                                                                 NT APPLICATION NUMBER: US/09/875,338
CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/209,811
PRIOR FILING DATE: 2000-06-06
                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 94
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     144 KP--SMTLEPNKDLRPGDTVTITCSSYRGYPBAEVFWQDGQGVPLTGNVTTSQ------
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Local Similarity 31.3%;
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YRNRALMSPAGMLRGDFSLRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        YANRTALFPDLLAQGNASLRLQRVRVADEGSFTCFVSIRDFG----SAAVSLQVAAPYS
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                                                      EDPVVALVGTDATLCCSFSPEPGFSLAQLNLIWQLTDTKQLV-----HSFAEGQDQGSA 88
                                                                                     EKEVRAMVGSDVELSCACPEGSRFDLNDVYVVMQTSESKTVVTYHIPQNSSLENVD--SR 58
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LU, PIN
ZHOU, XJ
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                                                                                                                        19.5%; Score 271; DB 10; 31.3%; Pred. No. 3.8e-16; ative 39; Mismatches 101;
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Pred. No. 3.8e-16;
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RESULT 14
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APPLICANT: Fraser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: B7-H2 Molecules, No. US2002
TITLE OF INVENTION: Family and Uses Thereof
FILE REFERENCE: 3580/1236924
CURRENT APPLICATION NUMBER: US/09/910,174A
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 32
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                                                                                           Sequence 11, Application US/09875338 Patent No. US20020095024A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 24 LENGTH: 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 24, Application US/09910174A Patent No. US20020106730A1 GENERAL INFORMATION:
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                                                       APPLICANT: MIKESELL, G
APPLICANT: CHANG, HAN
 APPLICANT:
                                       APPLICANT:
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                144 KP--SMTLEPNKDLRPGDTVTITCSSYRGYPEAEVFWQDGQGVPLTGNVTTSQ-----
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mes 84; Conserv
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CHANG, L. FINGER, JOSHUM
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APPLICANT: PEACH, KOBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
CURRENT APPLICATION NUMBER: US/09/875,338
CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR PLING DATE: 2001-02-28
PRIOR PLING DATE: 2001-02-29
PRIOR PLING DATE: 2000-06-06
NUMBER OF SEQ ID NOS: 94
SOFTWARE: PATCHIN VERT 2.2.1
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19.4%; Score 270; DB 10; Length 316;
Best Local Similarity 31.3%; Pred. No. 4.6e-16;
Matches 84; Conservative 39; Mismatches 101; Indels 44; Gaps
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19.4%; Score 270; DB 10; Length 38'
Best Local Similarity 31.3%; Pred. No. 6e-16;
Matches 84; Conservative 39; Mismatches 101; Indels
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FREEDEL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 52 Human secreted proteins
FILE REFERENCE: P2043P1
CURRENT APPLICATION NUMBER: US/09/789,561
CURRENT RILING DATE: 2000-02-2
PRIOR APPLICATION NUMBER: 60/152,317
PRIOR FILING DATE: 1999-09-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-875-338-11
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US-09-789-561-156
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106 EDPVVALVGTDATLHCSFSPEPGFSLTQLNLIWQLTDTKQLV-----HSFTEGRDQGSA 159
                                                                     59 YRNRALMSPAGMIRGDFSIRLFNVTPQDEQKFHCLVLSQSLGFQEVLSVEVTLHVAANFS 118
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